

<b>Title</b>	<b>Maintain professional standards when working as a concrete operations trade professional</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This unit standard is intended for people working in the concrete construction industry.</p> <p>People credited with this standard can maintain professional standards when working as a concrete operations trade professional to the level required of a commercially competent tradesperson.</p>
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<b>Classification</b>	Concrete > Concrete Construction
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 This unit standard is intended to align with the *New Zealand Certificate in Concrete Construction (Commercial and Civil Infrastructure) – Specifications* and the *New Zealand Certificate in Concrete Construction (Commercial and Civil Infrastructure) (Level 4)* [Ref: 4188], and the *New Zealand Certificate in Concrete (Specialist) – Specifications* and the *New Zealand Certificate in Concrete (Specialist) (Level 4)* [Ref: 4186].

It is expected that this unit standard will be awarded near the completion of a programme leading to the achievement of all outcomes of the *New Zealand Certificate in Concrete Construction (Commercial and Civil Infrastructure) (Level 4)* [Ref: 4188] or the *New Zealand Certificate in Concrete (Specialist) (Level 4)* [Ref: 4186].

Evidence for this unit standard must reflect commercial competence.

Commercial competence refers to the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Commercial competence must be confirmed by a person with current expertise in concrete operations.

- 2 **Definitions**  
*Concrete operations* include the tasks and processes associated with undertaking concrete construction in commercial or civil infrastructure construction environments, structural concrete sawing and drilling on site, prestressing concrete or precast concrete manufacture. It does not include concrete production or transportation.

*Industry sustainability* refers to the economic, environmental and social practices that contribute to the sustainability and improvement of the concrete construction industry.

*Workplace procedures* refers to the documented procedures specific to a workplace that set out the standards and required practices of that workplace.

- 3 Legislation, standards and guidance information relevant to this standard includes the following; and any subsequent amendments and replacements:

Specifications available from [qualifications@waihanga.nz](mailto:qualifications@waihanga.nz)

- *New Zealand Certificate in Concrete Construction (Commercial and Civil Infrastructure) – Specifications*, BCITO, October 2020,
- *New Zealand Certificate in Concrete (Specialist) – Specifications*, BCITO, October 2020.

Legislation accessed at [www.legislation.govt.nz](http://www.legislation.govt.nz)

- Building Act 2004
- Construction Contracts Act 2002
- Resource Management Act 1991
- Health and Safety at Work (General Risk and Workplace Management) Regulations 2016.

Standards accessed at [www.standards.govt.nz](http://www.standards.govt.nz)

- NZS 3101.1&2:2006 *Concrete structures*
- NZS 3109:1997 *Concrete construction*.

Guideline and Approved Code of Practice accessed at [www.worksafe.govt.nz](http://www.worksafe.govt.nz)

- *The Absolutely Essential Health and Safety Toolkit*.

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## Skill specification and performance level guidance

### Skill specification

Maintain professional standards when working as a concrete operations trade professional.

### Knowledge

The ways in which professional standards contribute to the sustainability of the concrete construction industry.

How to locate, evaluate and interpret sources of information about concrete industry professional standards.

### Skills

Perform all aspects of on-site concrete operations to a commercially competent standard.

Range one of concrete construction, structural concrete sawing and drilling, prestressing concrete or precast concrete manufacture.

Demonstrate professional behaviour on a day-to-day basis.

Fulfil responsibilities in the workplace under commercial contracts, employment and education agreements.

Self-manage on-going learning and development to maintain currency with concrete construction industry standards.

### Performance level guidance

Performance must reflect workplace procedures, current regulatory, industry and commercial standards relevant to concrete operations.

Demonstrating professional behaviour on a day-to-day basis is likely to include presenting a positive company image, positive body language and personal presentation to clients and colleagues. Working constructively with clients, suppliers and people involved in the candidate's learning programme and being consistently reliable, responsible and accountable and acting with integrity is also part of demonstrating professional behaviour. Making and keeping commitments, and showing respect and consideration for people, property and the environment while supporting others where required and helping to coordinate work where appropriate is part of the professional standard required of a trade professional.

Performing all aspects of on-site concrete operations includes coordinating the work of other trades, workflow management and completing work within the scope provided without requiring regular guidance and/or scrutiny.

<b>Planned review date</b>	31 December 2026
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 January 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

### Comments on this unit standard

Please contact Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihanga.nz](mailto:qualifications@waihanga.nz) if you wish to suggest changes to the content of this unit standard.